

**Arizona Department of Environmental Quality  
2005 Water Quality Assurance Revolving Fund Registry**

Pursuant to A.R.S. § 49-287.01 (E), the Arizona Department of Environmental Quality (ADEQ) is providing this annual report of the location, remedial status, and score of the sites on the Water Quality Assurance Revolving Fund (WQARF) Registry as of December 31, 2004. The 7<sup>th</sup> Avenue and Bethany Home, Cooper and Commerce, and 56<sup>th</sup> Street and Earll sites were added to the Registry in 2004. The El Camino del Cerro and Shannon Road-Rillito Creek sites were combined into one site. The Registry includes those sites within the state that may pose risk to public health, welfare or the environment from the release of hazardous substances and for which there is current or planned investigation and cleanup. There are 35 sites on the WQARF Registry:

22 in Maricopa County,  
7 in Pima County,  
3 in Gila County,  
1 in Graham County,  
1 in La Paz County, and  
1 in Yuma County

Sites on the Registry are scored based in part upon the type of contamination present, the location of the contamination, and the number of people that may be affected. The maximum score a site may receive is 120. Scores are used to help determine relative risk from the site and do not necessarily mean that there is direct exposure of contaminants. Whether the site is currently being remediated or is being investigated, ADEQ takes steps to identify the contamination and to prevent exposure.

The Registry and additional information regarding these sites is available on ADEQ's Web site at <http://www.azdeq.gov/environ/waste/sps/index.html>. With a 24 hour notice, an appointment to review the Registry and additional information is available Monday through Friday from 8:30 a.m. to 4:30 p.m., at ADEQ, Records Management Center, 1110 W. Washington, Phoenix, Arizona. Please contact (602) 771-4380 or 1(800) 234-5677, toll free in Arizona to schedule an appointment.

**7<sup>th</sup> Avenue and Bethany Home Road** – This site was placed on the WQARF Registry on August 25, 2004, and has a score of 29. The site is located in Phoenix and is bounded to the north by Berridge Lane, to the south by Bethany Home Road, to the east by Sixth Avenue and to the west by Eighth Avenue, and includes the 2.6-acre former shopping center that housed a dry cleaning facility.

ADEQ initiated an early response action (ERA) Evaluation on the site in October 2004 to collect data necessary to characterize the source area of PCE contamination below the site. The ERA Evaluation consisted of drilling ten soil borings and installation of five soil vapor extraction wells and two groundwater monitor wells at the site.

Based on the results of the ERA Evaluation, soil vapor extraction (SVE) has been proposed for remediation of PCE contaminated soil beneath the site. The SVE is scheduled to begin operations in April 2005. Remediation strategies for PCE contaminated groundwater are currently being evaluated. Quarterly groundwater monitoring of on-site monitor wells began in November 2004.

There are no drinking water production wells within the confines of the site, but ADEQ is closely monitoring the movement of the groundwater plume. Two Salt River Project irrigation wells near the site have been tested, and concentrations of PCE were not detected above the standard.

Contaminants of concern at the site include PCE and trichloroethene (TCE).

**7th Street and Arizona Avenue** - This site was placed on the WQARF Registry in April 2000, and has a score of 40. The site is located in downtown Tucson, approximately 1/3 mile north of Broadway Boulevard and approximately 3/4 mile east of Interstate 10. The site boundary is a northwest-trending oval extending approximately 1,200 feet from the former Oliver's Cleaners facility at 300 E. Seventh Street to approximately 150 feet north of Sixth Street and approximately 100 feet east of Seventh Avenue.

The remedial investigation (RI) has not been initiated, but groundwater monitoring continues. No drinking water wells have been impacted by the contamination from the site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE).

**16th Street and Camelback Road** - This site was placed on the WQARF Registry in April 1999, and has a score of 23. The site is located in Phoenix and is bounded approximately by Medlock Drive to the north, Highland Avenue to the south, 17<sup>th</sup> Street to the east, and 14<sup>th</sup> Place to the west.

In 2003, ADEQ conducted an early response action (ERA) evaluation to determine the feasibility of installing a soil vapor extraction/air sparge remediation system. The RI has not been initiated, but groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE), 1,2-dichloropropane and 1,2-dichloroethane (1,2-DCA).

**20th Street and Factor Avenue** - This site was placed on the WQARF Registry in March 2000, and has a score of 31. The site is located in Yuma, approximately ½ mile south of 16th Street and approximately ¾ mile east of Fourth Avenue. The site boundary is a northwest-trending oval extending approximately 1,000 feet from the Houston International facility at 655 E. 20th Street on the southeast to 19th Street and Rail Avenue on the northwest.

In 2002, ADEQ conducted a soil removal action and cleaned out sumps and septic tanks at an active facility as part of an early response action (ERA). ADEQ is currently conducting another ERA to remove the source of tetrachloroethene (PCE). The remedial investigation (RI) has been initiated and groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE) and cyanide.

**56th Street & Earll Drive** – This site was placed on the WQARF Registry on June 2, 2004, and has a score of 40. The site is located in Phoenix near 56<sup>th</sup> Street and Earll Drive.

The site consists of arsenic and trichloroethylene (TCE) contaminated groundwater plume. The site was originally investigated as part of the Motorola 52nd Street National Priorities List (NPL) site. However, groundwater data from both sites indicate that the two are separate and distinct plumes. Therefore, the site was disassociated from the larger Motorola 52nd Street NPL site. ADEQ is working cooperatively with a party potentially responsible for the contamination to further evaluate the site and develop a cleanup strategy.

Contaminants of concern at the site include TCE and arsenic.

**Broadway Pantano** - This site was placed on the WQARF Registry in December 1998, and has a score of 57. The site is located in the east-central part of Tucson and is bounded approximately by Speedway Boulevard to the north, Pantano Wash to the east, Broadway Boulevard to the south, and Sahuara Avenue (one half mile to the west of Wilmot Road) to the west.

The general groundwater flow direction is to the west. Known groundwater contamination has resulted in four Tucson Water production wells being removed from service. A groundwater containment system has been installed to prevent further westward migration of contaminated groundwater and impacts to additional wells. A confirmed source of the groundwater contamination is the former Broadway North Landfill. A soil vapor extraction system has been in place at the landfill since June 2000 to remove and treat contaminated landfill gases that are contributing to the groundwater contamination. ADEQ is evaluating the continued operation of the soil vapor extraction system at the landfill for potential closure. The remedial investigation (RI) is in progress and a community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), methylene chloride and vinyl chloride.

**Central and Camelback** - This site was placed on the WQARF Registry in June 2000, and has a score of 32. The site is located in Phoenix at the southwest corner of Central Avenue and Camelback Road. The boundaries of the site are approximately Missouri Avenue to the north, a line 100 feet east of Central Avenue to the east, Pierson Street to the south and a line 600 feet west of Camelback road to the west.

In January 2003, ADEQ constructed a groundwater treatment system to remediate and control the migration of contaminated groundwater at the site as an early response action (ERA). In June 2004, ADEQ initiated an ERA evaluation of the Maroney's Drycleaner facility. The remedial investigation (RI) will be initiated in 2005. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), 1,2-dichloroethene (DCE), 1,2-dichloroethane (DCA), vinyl chloride and chloroform.

**Cooper Road & Commerce Avenue** - The site was listed on the WQARF Registry on June 14, 2004, and has a score of 33. The site is located in Gilbert near Guadalupe Road and Baseline.

Tetrachloroethylene (PCE) has been detected in soil and groundwater at the site. In 2001, groundwater samples collected from a Town of Gilbert monitoring well detected PCE concentrations above the aquifer water quality standard. A Town of Gilbert public supply well is nearby. ADEQ is currently evaluating the site for an early response action.

Contaminants of concern at the site in groundwater include PCE and trichloroethene (TCE). Contaminants of concern in the soils at the site include PCE, arsenic, chromium, copper, total petroleum hydrocarbons, mercury, and lead.

**East Central Phoenix (ECP) 24<sup>th</sup> Street and Grand Canal** - This site was placed on the WQARF Registry in May 2000, and has a score of 29. The site is located in Phoenix, and the current site boundary is a 400 foot diameter circle centered around the Salt River Project well 16E-6.8N.

The remedial investigation (RI) has not been initiated, but groundwater monitoring continues. Contaminants of concern at the site include tetrachloroethene (PCE).

**ECP 32<sup>nd</sup> Street and Indian School Road** - This site was placed on the WQARF Registry in May 2000, and has a score of 29. The site is located in Phoenix, and the current site boundary is a 400 foot diameter circle centered around the Salt River Project well 17E-8N. ADEQ is conducting an early response action (ERA), which consists of a soil vapor extraction and air sparging system to remediate the source of PCE in the soil and groundwater. The remedial investigation (RI) has not been initiated, but groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE).

**ECP 38<sup>th</sup> Street and Indian School Road** - This site was placed on the WQARF Registry in September 1998, and has a score of 25. The site is located in Phoenix, and the approximate site boundaries are Indian School Road on the north, 38<sup>th</sup> Street to the east, Amelia Avenue to the south, and 36<sup>th</sup> Street to the west.

An early response action (ERA) evaluation is being conducted for this site. The remedial investigation (RI) has not been initiated, but groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE).

**ECP 40<sup>th</sup> Street and Indian School Road** - This site was placed on the WQARF Registry in September 1998, and has a score of 25. The site is located in Phoenix, and the approximate site boundaries are Devonshire Avenue on the north, 40<sup>th</sup> Street to the east, Amelia Avenue to the south, and 38<sup>th</sup> Street to the west.

ADEQ is conducting an early response action (ERA), which consists of a soil vapor extraction and air sparging system to remediate the source of PCE in the soil and groundwater. The remedial investigation (RI) has not been initiated, but groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE) and trichloroethene (TCE).

**ECP 40<sup>th</sup> Street and Osborn Road** - This site was placed on the WQARF Registry in May 2000, and has a score of 30. The site is located in Phoenix, and the current site boundary is an 800 foot diameter circle centered around the Salt River Project well 17.9E-7.5N.

An early response action (ERA) evaluation is being conducted for this site. The remedial investigation (RI) has not been initiated, but groundwater monitoring continues.

Contaminants of concern at the site include tetrachloroethene (PCE).

**ECP 48<sup>th</sup> Street and Indian School Road** - This site was placed on the WQARF Registry in March 1999, and has a score of 32. The site is located in Phoenix, and the site extends approximately 400 feet north and 160 feet south of Indian School Road in between 45<sup>th</sup> Place and 48<sup>th</sup> Street.

ADEQ and the Salt River Project have entered into an agreement to conduct a source control interim remedial action. SRP is constructing a soil vapor extraction/air sparge system to remediate the source of tetrachloroethene (PCE) in soil and groundwater at the site. The remedial investigation (RI) has not been initiated, but groundwater monitoring continues.

The contaminant of concern at the site is PCE.

**East Washington Fluff** - This site was placed on the WQARF Registry in June 1999, and has a score of 34. The site is located in Phoenix at 433 E. Buckeye Road and is ten acres in size. The site has been abandoned for approximately 15 years, and contains significant quantities of auto shredder fluff.

An early response action (ERA) was conducted to remove fluff piles and install a protective cap to prevent exposure to contaminants. The ERA was completed in September 2001. A remedial investigation (RI) and feasibility study (FS) have been completed. A community advisory board has been established for this site.

Contaminants of concern in soil at the site include arsenic, lead, cadmium and polychlorinated biphenyls (PCBs). The contaminants of concern have not been detected above aquifer water quality standards in groundwater beneath the site.

**Estes Landfill** - This site was placed on the WQARF Registry in April 1998, and has a score of 50. The site is located in Phoenix, south of Sky Harbor Airport and is bounded approximately by the Salt River to the north, Magnolia Street to the south, State Route 153 to the east, and 40th Street to the west.

The remedial investigation (RI)/ feasibility study (FS) and a proposed remedial action plan (PRAP) has been completed. ADEQ is evaluating comments on the PRAP. A community advisory board has been established for this site.

Contaminants of concern at the site include vinyl chloride, cis-1,2-dichloroethene (DCE), trichloroethene (TCE), benzene, bis(2-ethylhexyl)phthalate, arsenic barium, chromium, manganese, nitrate as N, and lead; in soil include lead, arsenic, and thallium.

**Klondyke Tailings** - This site was placed on the WQARF Registry in September 1998, and has a score of 69. The site is located in the unincorporated town of Klondyke, on the north bank of the Aravaipa Creek, approximately 4.5 miles upstream of the Aravaipa Canyon Wilderness Area. The site is comprised of two piles of mine tailings, the soil between and adjacent to these piles, and the area approximately 50 feet into the stream bed of Aravaipa Creek, directly adjacent to the tailings piles. The site is bounded to the east by Klondyke Road.

ADEQ has completed several studies as part of an early response action (ERA) evaluation. A remedial investigation (RI) is in progress and a community advisory board has been established for the site.

Contaminants of concern at the site include lead, cadmium, antimony, beryllium, copper, manganese, arsenic, and zinc.

**Los Reales Landfill** - This site was placed on the WQARF Registry in April 1999, and has a score of 32. The site is an active municipal sanitary landfill approximately 380 acres in size located in southeast Tucson and has been in operation since 1967.

The City of Tucson has implemented a groundwater pump and treat system as required by an existing remedial action plan. A portion of the treated water is re-injected into the aquifer and a portion is used for dust control at the landfill. The City has identified additional groundwater contamination at the landfill, and has completed additional site characterization. After the full extent of contamination is determined, the groundwater treatment system will be expanded to treat additional contaminated water.

Contaminants of concern at the site include tetrachloroethene (PCE) and trichloroethene (TCE).

**Miracle Mile** - This site was placed on the WQARF Registry in September 1998, and has a score of 62. The site is located in Tucson and is bounded approximately by Wetmore Road

to the north, Prince Road to the south, Flowing Wells Road to the east, and La Cholla Boulevard to the west.

ADEQ continues to define the extent of groundwater contamination and is evaluating early response actions (ERAs) for the regional aquifer. A remedial investigation (RI) is in progress and a community advisory board has been established for this site.

Contaminants of concern at the site include trichloroethene (TCE) and chromium.

**Park-Euclid** - This site was placed on the WQARF Registry in April 1999, and has a score of 51. The site is in Tucson and is approximately bounded by Ninth Street to the north, 14th Street to the south, Santa Rita Avenue to the east, and Park Avenue to the west.

ADEQ is continuing to define the extent of groundwater contamination and is evaluating early response actions (ERAs) for the perched and regional aquifers. A remedial investigation (RI) has been initiated and a community advisory board has been established for this site.

Contaminants of concern at the site include diesel free product and volatile organic compounds, including tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE).

**Payson PCE** - This site was placed on the WQARF Registry in April 1998, and has a score of 63. The site is located in Payson and is bounded approximately by Frontier Street to the north, Aero Drive to the south, Beeline Highway to the east, and McLane Road to the west.

Two groundwater treatment systems have been constructed. Clean water from these systems is delivered to the Town of Payson. A soil vapor extraction system was installed in August 2001, and has been shut down after contaminants were removed. The remedial investigation (RI)/feasibility study (FS), and proposed remedial action plan (PRAP) have been completed. A community advisory board, which also incorporates the Tonto and Cherry site, has been established for this site.

The contaminant of concern in the groundwater at the site is tetrachloroethene (PCE).

**Pinal Creek** - This site was placed on the WQARF Registry in October 1998, and has a score of 97. The site is located in Gila County in and around the communities of Globe and Miami, Claypool and Wheatfields. The site includes the BHP Copper and Phelps Dodge Miami mining properties, and the drainages and underlying aquifers of Miami Wash, Bloody Tanks Wash, Russell Gulch, and Pinal Creek. The site also includes the entire floodplain of



Pinal Creek from the Old Dominion Mine to the Salt River, plus those portions of the communities underlain by contaminated groundwater.

The Pinal Creek Group, which consists of BHP, Phelps Dodge and Inspiration Copper, have been conducting remedial actions including source control since 1988 and have completed remedial investigations (RIs), risk assessments, a feasibility study (FS) and a recommended remedial action plan. They have also conducted a well replacement program for contaminated private and public supply wells.

Contaminants of concern in groundwater at the site include heavy metals such as aluminum, iron, manganese, copper, cobalt, nickel, zinc, cadmium, and other contaminants such as sulfate, acidity and dissolved solids. Localized soil and stream sediment contamination are being investigated; contaminants of concern include arsenic, lead, copper, cadmium, manganese, nickel and zinc.

**Shannon Road/El Camino del Cerro** – The El Camino del Cerro WQARF Site and Shannon Road-Rillito Creek WQARF Site were administratively combined into one site, the Shannon Road/El Camino del Cerro WQARF Site, in January 2005 based on sampling results showing there is a single plume. The El Camino del Cerro site was placed on the WQARF Registry in August 1998, and has a score of 71. The Shannon Road-Rillito Creek site was placed on the WQARF Registry in April 1999, and has a score of 53.

This site is located in northwest Tucson and is bounded approximately by Meadowbrook Park on the east, the Santa Cruz River on the west, El Camino del Cerro Road on the south, and on the north, a quarter mile north of Rillito Creek. The site consists of industrial and residential properties, and a former landfill which occupies approximately 20 acres in the southwest portion of the site.

The contaminant plume has impacted three community wells, which have been removed from service. One of these wells has a wellhead treatment system which removes contaminants in the groundwater in order to meet drinking water standards. This well is currently out of service while the treatment system is being upgraded. A remedial investigation (RI) is in progress, and a joint community advisory board has been established for the site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), dichloroethene (DCE), 1,1-dichloroethene (1,1-DCE), vinyl chloride and benzene.

**Silverbell Landfill** - This site was placed on the WQARF Registry in April 1999, and has a score of 51. The site is located in Tucson at 3200 North Silverbell Road in northwest Tucson. The site is bounded approximately by Sweetwater Drive on the north, Grant

Road/Ironwood Hills Drive on the south, Interstate 10 on the east, and Silverbell Road on the west, and is comprised of approximately 40 acres.

The City of Tucson has installed a pump and treat system to extract and clean up groundwater and a soil vapor extraction system to treat soils beneath the landfill as required by an existing remedial action plan. The City is currently evaluating alternative methods for groundwater remediation at the landfill.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride.

**South Mesa** - This site was placed on the WQARF Registry in August 1998, and has a score of 31. The site is located in Mesa and Gilbert and is bounded approximately by Tenth Avenue to the north, the railroad south of Baseline Road to the south, Stapley Road to the east, and the railroad west of Center Street to the west.

Two remedial action projects at the site have significantly reduced the contamination by treating pumped groundwater and extracting vapors from the soil. ADEQ began an early response action (ERA) in June 2004, to address the remaining subsurface contamination. A soil vapor extraction (SVE) well was installed and connected to the existing SVE system and the system began operations in September 2004. The remedial investigation (RI) has been completed and draft RI report is being prepared. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE), chromium, nickel, and manganese.

**Tonto and Cherry** - This site was placed on the WQARF Registry in June 2000, and has a score of 45. The site is located in Payson, approximately 400 feet west of the Beeline Highway and immediately north of Main Street. The site boundary is a northwest-trending oval, extending approximately 1,200 feet from the intersection of Main Street and Colcord Avenue.

The remedial investigation (RI) and feasibility study (FS) have been completed and will be available for public comment. A community advisory board has been established for this site in conjunction with the Payson PCE site.

Contaminants of concern at the site include tetrachloroethene (PCE).

**Tyson Wash** - This site was placed on the WQARF Registry in December 1998, and has a score of 46. The site is located in the Town of Quartzsite and has boundaries approximately

300 feet to the north of Cowell Lane to the north, 400 feet east of Washington Boulevard to the east, 300 feet south of Cowell Lane to the south, and 200 feet west of Oregon Avenue to the west.

The remedial investigation (RI) has been completed. As part of an early response action (ERA) a groundwater treatment system has been constructed to prevent migration of the plume to private drinking water wells. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE) and trichloroethene (TCE).

**Vulture Mill** - This site was placed on the WQARF Registry in April 1998, and has a score of 65. The site is located just east of U.S. Route 89/93 about one mile northwest of the center of the Town of Wickenburg. The eastern boundary of the site is approximately 1/4 mile west of the Hassayampa River Channel.

ADEQ is currently implementing the remedy, which consists of excavation of contaminated soil, placement in a consolidation pile, installation of a clean soil cover, backfilling with clean soil, and groundwater monitoring and institutional controls for installation of new wells. A community advisory board has been established for this site.

Contaminants of concern at the site include lead, arsenic and mercury.

**West Central Phoenix (WCP) East Grand Avenue** - This site was placed on the WQARF Registry in April 1998, and has a score of 31. The site is located in Phoenix and is bounded approximately by Whitton Avenue to the north, Osborn Road to the south, 29th Avenue to the east, and 30th Avenue to the west.

The field investigative activities were completed in December 2001. The draft remedial investigation (RI) report has been completed and a working party has agreed to conduct the feasibility study (FS). The working party constructed a soil vapor extraction system in 2004. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE) and trichloroethene (TCE).

**WCP North Canal Plume** - This site was placed on the WQARF Registry in June 1998, and has a score of 27. The site is located in Phoenix and the approximate boundaries of this site are Indian School Road on the north, 36th Avenue on the east, Clarendon Avenue on the south, and 40th Avenue on the west.

The remedial investigation (RI) was initiated in February 2001 and ADEQ is conducting an early response evaluation. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE) and chromium.

**WCP North Plume** - This site was placed on the WQARF Registry in April 1998, and has a score of 55. The site is located in Phoenix and is bounded approximately by Turney Avenue to the north, Indian School Road to the south, 38th Avenue to the east, and 43rd Avenue to the west.

The remedial investigation (RI) is underway and a soil vapor extraction system was installed at one facility as part of an early response action (ERA). A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE) and trichloroethene (TCE).

**WCP West Grand Avenue** - This site was placed on the WQARF Registry in April 1998, and has a score of 22. The site is located in Phoenix and is bounded approximately by Osborn Road to the north, Earll Drive to the south, 33rd Avenue to the east, and 35th Avenue to the west.

The remedial investigation (RI) has been completed and a draft RI report was completed in February 2004. A community advisory board has been established for this site.

The contaminant of concern at the site is trichloroethene (TCE).

**WCP West Osborn Complex** - This site was placed on the WQARF Registry in August 1998, and has a score of 52. The site is located in Phoenix and is bounded approximately by the Grand Canal to the north, Pinchot Avenue to the south, 34th Drive to the east, and 39th Drive to the west.

A draft remedial investigation (RI) report has been completed and the proposed remedial objective report will be available for public comment in April 2005. A community advisory board has been established for this site.

Contaminants of concern at the site include trichloroethene (TCE) and tetrachloroethene (PCE).

**West Van Buren** - This site was placed on the WQARF Registry in April 1998, and has a score of 50. The site is located in Phoenix and is bounded approximately by Van Buren Street to the north, Buckeye Road to the south, Seventh Avenue to the east, and 83rd Avenue to the west. Between Seventh Avenue and 27th Avenue, there is an extension of the plume south to Lower Buckeye Road.

Dolphin Incorporated began operation of a soil vapor extract (SVE)/air sparge (AS) system at the Dolphin facility in October 1998. In December 2002, Dolphin received authorization from ADEQ for shut-down of the SVE/AS system. A SVE/AS and groundwater pump and treat remediation system began operation in March 2001 at the former American Linen Supply Company (ALSCo). The SVE/AS was discontinued in May 2003 because the response action objectives were attained. The groundwater pump and treat system continued operations until September 12, 2003, at which time ADEQ determined the system had reached its limit of effectiveness. In August 2002, ADEQ issued a no further action determination for the former Van Waters and Rogers facility.

The remedial investigation (RI) is in progress and additional monitoring wells have been installed by ADEQ to delineate the extent of the contamination and further investigate potential source areas. A community advisory board has been established for this site.

Contaminants of concern at the site include tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene (DCE), 1,1-dichloroethane (DCA), cis-1,2-dichloroethene (cis-1,2-DCE) and chromium.

**Western Avenue Plume** - This site was placed on the WQARF Registry in December 1998, and has a score of 51. The site is located in Avondale and Goodyear and is bounded approximately by Hill Drive to the north, Third Street to the east, and Litchfield Road to the west; the southern boundary proceeds on a southwesterly angle approximately 1000 feet north of State Route 85 until it reaches the western boundary just north of the entrance to the Phoenix-Goodyear Airport.

A remedial investigation (RI) is in progress. A community advisory group has been established for this site in conjunction with the Phoenix-Goodyear Airport Superfund site.

The contaminant of concern at the site is tetrachloroethene (PCE).

RI = remedial investigation

FS = feasibility study

ERA = early response action

PRAP = preliminary remedial action plan